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**Title:** JP2003017030A2: SEPARATOR FOR SEALED LEAD-ACID BATTERY  
SEALED LEAD- ACID BATTERY

**Country:** JP Japan

**Kind:** A2 Document Laid open to Public inspection

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**Application Number:** JP2001000196857

**IPC Code:** H01M 2/16; H01M 10/06;

**Priority Number:** 2001-06-28 JP2001000196857

**Abstract:**

**PROBLEM TO BE SOLVED:** To provide a separator for a sealed lead-acid battery capable of having a large rate of change in thickness under pressure, being manufactured to have small difference in function and good workability, having good restorableness in thickness when the pressure is reduced from a pressurized state so that the separator closely follows expansion and contraction of an electrode plate to thereby produce a battery of long life and high capacity.

**SOLUTION:** The separator for the sealed lead-acid battery mainly comprises glass fibers including crimped fibers 1, 2, 3 that are at least partially bent in longitudinal direction. The crimped fibers themselves have resilience, high repulsive force in a pressurized/reduced state, quickly change in thickness responding to the pressure and return the thickness with a high recovery when the pressure is reduced.

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**Family:** None

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